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 **PALM INTRANET**

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US 20060211927 A1	US- PGPUB	20060921	Compact apparatus for noninvasive measurement of glucose through near-infrared spectroscopy	600/316		Acosta; George M. et al.
US 20060206018 A1	US- PGPUB	20060914	Method and apparatus for noninvasive targeting	600/316	600/310; 600/322	Abul-Haj; Alan et al.
US 20060200017 A1	US- PGPUB	20060907	Noninvasive targeting system method and apparatus	600/344	600/310	Monfre; Stephen L. et al.
US 20060195023 A1	US- PGPUB	20060831	Compact apparatus for noninvasive measurement of glucose through near-infrared spectroscopy	600/316	600/310	Acosta; George M. et al.
US 20060183983 A1	US- PGPUB	20060817	Compact apparatus for noninvasive measurement of glucose through near-infrared spectroscopy	600/310	600/316	Acosta; George M. et al.
US 20060173255 A1	US- PGPUB	20060803	Compact apparatus for noninvasive measurement of glucose through near-infrared spectroscopy	600/316		Acosta; George M. et al.
US 20060173254 A1	US- PGPUB	20060803	Compact apparatus for noninvasive measurement of glucose through near-infrared spectroscopy	600/316		Acosta; George M. et al.
US 20060167350 A1	US- PGPUB	20060727	Multi-tier method of developing localized calibration models for non-invasive blood analyte prediction	600/322	128/920	Monfre; Stephen L. et al.
US 20060116562 A1	US- PGPUB	20060601	Compact apparatus for noninvasive measurement of glucose through near-infrared spectroscopy	600/316	128/903; 600/310	Acosta; George M. et al.
US 20060015023 A1	US- PGPUB	20060119	Preparation kit for noninvasive glucose concentration determination	600/344	206/229; 422/294	Monfre; Stephen L. et al.
US 20050267342 A1	US- PGPUB	20051201	Noninvasive analyzer sample probe interface method and apparatus	600/316	600/365	Blank, Thomas B. et al.
US 20050267341 A1	US- PGPUB	20051201	Optical sampling interface system for in vivo measurement of tissue	600/310	600/316	Blank, Thomas B. et al.
US 20050240090 A1	US- PGPUB	20051027	Method of processing noninvasive spectra	600/316	600/365	Ruchti, Timothy L. et al.
US 20050203364 A1	US- PGPUB	20050915	Method and apparatus for using alternative site glucose determinations to calibrate and maintain noninvasive and implantable analyzers	600/365	600/309	Monfre, Stephen L. et al.
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20050203359 A1	PGPUB		for in-vivo measurement of tissue			Thomas B. et al.
US 20050203358 A1	US- PGPUB	20050915	Method and apparatus for using alternative site glucose determinations to calibrate and maintain noninvasive and implantable analyzers	600/331	600/316; 600/365	Monfre, Stephen L. et al.
US 20050196821 A1	US- PGPUB	20050908	Method and apparatus for using alternative site glucose determinations to calibrate and maintain noninvasive and implantable analyzers	435/14		Monfre, Stephen L. et al.
US 20050187439 A1	US- PGPUB	20050825	Sampling interface system for in-vivo estimation of tissue analyte concentration	600/310	600/344	Blank, Thomas B. et al.
US 20050107676 A1	US- PGPUB	20050519	Method and apparatus for noninvasive glucose concentration estimation through near-infrared spectroscopy	600/316		Acosta, George M. et al.
US 20050054908 A1	US- PGPUB	20050310	Photostimulation method and apparatus in combination with glucose determination	600/316	600/407; 600/473; 600/476	Blank, Thomas B. et al.
US 20050049466 A1	US- PGPUB	20050303	Optical sampling interface system for in vivo measurement of tissue	600/310		Blank, Thomas B. et al.
US 20050020892 A1	US- PGPUB	20050127	Compact apparatus for noninvasive measurement of glucose through near-infrared spectroscopy	600/316		Acosta, George et al.
US 20050014997 A1	US- PGPUB	20050120	Method of sample control and calibration adjustment for use with a noninvasive analyzer	600/310	600/316	Ruchti, Timothy L. et al.
US 20050010090 A1	US- PGPUB	20050113	Compact apparatus for noninvasive measurement of glucose through near-infrared spectroscopy	600/316	356/39	Acosta, George et al.
US 20040267105 A1	US- PGPUB	20041230	Apparatus and method for easing use of a spectrophotometric based noninvasive analyzer	600/344	600/310; 600/316	Monfre, Stephen L. et al.
US 20040223155 A1	US- PGPUB	20041111	Method of characterizing spectrometer instruments and providing calibration models to compensate for instrument variation	356/326		Hazen, Kevin H. et al.
US 20040197846 A1	US- PGPUB	20041007	Determination of glucose sensitivity and a method to manipulate blood glucose concentration	435/14		Hockersmith, Linda et al.
US 20040169857 A1	US- PGPUB	20040902	Spectroscopic system and method using a ceramic optical reference	356/328	356/243.1; 356/243.4	Acosta, George M. et al.

US 20040162678 A1	US- PGPUB	20040819	Method of screening for disorders of glucose metabolism	702/19		Hetzel, Donald et al.
US 20040142403 A1	US- PGPUB	20040722	Method of screening for disorders of glucose metabolism	435/14	702/19	Hetzel, Donald et al.
US 20040127777 A1	US- PGPUB	20040701	Indirect measurement of tissue analytes through tissue properties	600/316		Ruchti, Timothy L. et al.
US 20040068163 A1	US- PGPUB	20040408	Noninvasive measurement of glucose through the optical properties of tissue	600/316		Ruchti, Timothy L. et al.
US 20040039271 A1	US- PGPUB	20040226	Method and apparatus for control of skin perfusion for indirect glucose measurement	600/322	600/306	Blank, Thomas B. et al.
US 20040024553 A1	US- PGPUB	20040205	Method and apparatus using alternative site glucose determinations to calibrate and maintain noninvasive and implantable analyzers	702/104		Monfre, Stephen L. et al.
US 20030216627 A1	US- PGPUB	20031120	Measurement site dependent data preprocessing method for robust calibration and prediction	600/322		Lorenz, Alexander D. et al.
US 20030208111 A1	US- PGPUB	20031106	Classification and screening of test subjects according to optical thickness of skin	600/310	600/473	Mattu, Mutua et al.
US 20030113924 A1	US- PGPUB	20030619	Intra-serum and intra-gel for modeling human skin tissue	436/8	436/171	Hazen, Kevin H. et al.
US 20030109998 A1	US- PGPUB	20030612	Automatic process for sample selection during multivariate calibration	702/85		Lorenz, Alexander D. et al.
US 20030069484 A1	US- PGPUB	20030410	Optical sampling interface system for in vivo measurement of tissue	600/310		Blank, Thomas B. et al.
US 20030060693 A1	US- PGPUB	20030327	Apparatus and method for quantification of tissue hydration using diffuse reflectance spectroscopy	600/322		Monfre, Stephen L. et al.
US 20030060692 A1	US- PGPUB	20030327	Intelligent system for detecting errors and determining failure modes in noninvasive measurement of blood and tissue analytes	600/310		L. Ruchti, Timothy et al.
US 20030054428 A1	US- PGPUB	20030320	Method of screening for disorders of glucose metabolism	435/14	702/19	Monfre, Stephen L. et al.
US 20030040664 A1	US- PGPUB	20030227	Method and apparatus for path normalization of light transport in tissue	600/322		Thennadil, Suresh et al.

US 20030023148 A1	US- PGPUB	20030130	Targeted interference subtraction applied to near-infrared measurement of analytes	600/300		Lorenz, Alexander D. et al.
US 20020183602 A1	US- PGPUB	20021205	Method for quantification of stratum corneum hydration using diffuse reflectance spectroscopy	600/310	600/473	Wenzel, Brian J. et al.
US 20020133063 A1	US- PGPUB	20020919	Use of targeted glycemic profiles in the calibration of a noninvasive blood glucose monitor	600/316		Hockersmith, Linda et al.
US 20020099278 A1	US- PGPUB	20020725	Method and apparatus for minimizing spectral interference due to within and between sample variations during in-situ spectral sampling of tissue	600/310		Makarewicz, Marcy et al.
US 20020038080 A1	US- PGPUB	20020328	Method and apparatus for minimizing spectral effects attributable to tissue state variations during NIR-based non-invasive blood analyte determination	600/322		Makarewicz, Marcy R. et al.
US 20010041829 A1	US- PGPUB	20011115	Non-invasive method of determining skin thickness and characterizing layers of skin tissue in vivo	600/322	600/473	Thennadil, Suresh et al.
US 20010021803 A1	US- PGPUB	20010913	Multi-tier method of developing localized calibration models for non-invasive blood analyte prediction	600/322	250/252.1	Blank, Thomas B. et al.
US 7039446 B2	USPAT	20060502	Indirect measurement of tissue analytes through tissue properties	600/310	600/316	Ruchti; Timothy L. et al.
US 7038774 B2	USPAT	20060502	Method of characterizing spectrometer instruments and providing calibration models to compensate for instrument variation	356/326		Hazen; Kevin H. et al.
US 7010336 B2	USPAT	20060307	Measurement site dependent data preprocessing method for robust calibration and prediction	600/322	600/316	Lorenz; Alexander D. et al.
US 6998247 B2	USPAT	20060214	Method and apparatus using alternative site glucose determinations to calibrate and maintain noninvasive and implantable analyzers	435/14		Monfre; Stephen L. et al.
US 6990364 B2	USPAT	20060124	Noninvasive measurement of glucose through the optical properties of tissue	600/310	600/316; 600/473	Ruchti; Timothy L. et al.
US 6956649 B2	USPAT	20051018	Spectroscopic system and method using a ceramic optical reference	356/328	356/243.1	Acosta; George M. et al.

US 6876931 B2	USPAT	20050405	Automatic process for sample selection during multivariate calibration	702/22		Lorenz; Alexander D. et al.
US 6864978 B1	USPAT	20050308	Method of characterizing spectrometer instruments and providing calibration models to compensate for instrument variation	356/326		Hazen; Kevin H. et al.
US 6839584 B2	USPAT	20050104	Method and apparatus for minimizing spectral interference due to within and between sample variations during in-situ spectral sampling of tissue	600/344	600/310; 600/340	Makarewicz; Marcy et al.
US 6788965 B2	USPAT	20040907	Intelligent system for detecting errors and determining failure modes in noninvasive measurement of blood and tissue analytes	600/316	600/310; 600/322; 600/473; 600/476	Ruchti; Timothy L. et al.
US 6777240 B2	USPAT	20040817	Intra-serum and intra-gel for modeling human skin tissue	436/8	252/408.1; 436/164; 436/166; 436/71; 73/866.4	Hazen; Kevin H. et al.
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US 6697654 B2	USPAT	20040224	Targeted interference subtraction applied to near-infrared measurement of analytes	600/310	250/339.11; 250/341.8; 356/300; 600/473	Lorenz; Alexander D. et al.
US 6675029 B2	USPAT	20040106	Apparatus and method for quantification of tissue hydration using diffuse reflectance spectroscopy	600/310	250/339.1; 250/341.8; 600/473	Monfre; Stephen L. et al.
US 6668181 B2	USPAT	20031223	Method for quantification of stratum corneum hydration using diffuse reflectance spectroscopy	600/310	250/339.1; 250/341.8; 600/473	Wenzel; Brian J. et al.
US 6640117 B2	USPAT	20031028	Method and apparatus for minimizing spectral effects attributable to tissue state variations during NIR-based non-invasive blood analyte determination	600/322	600/334; 600/474	Makarewicz; Marcy R. et al.
US 6587196 B1	USPAT	20030701	Oscillating mechanism driven monochromator	356/308	356/334	Stippick; Tim et al.
US 6534012 B1	USPAT	20030318	Apparatus and method for reproducibly modifying localized absorption and scattering coefficients at a tissue measurement site during optical sampling	422/82.05	422/108; 422/50; 422/55; 422/68.1; 422/82.09; 436/164;	Hazen; Kevin H. et al.

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US 6487429 B2	USPAT	20021126	Use of targeted glycemic profiles in the calibration of a noninvasive blood glucose monitor	600/316		Hockersmith; Linda et al.
US 6475800 B1	USPAT	20021105	Intra-serum and intra-gel for modeling human skin tissue	436/8	252/408.1; 436/164; 436/166; 436/71; 73/866.4	Hazen; Kevin H. et al.
US 6442408 B1	USPAT	20020827	Method for quantification of stratum corneum hydration using diffuse reflectance spectroscopy	600/310	250/339.1; 250/341.8; 600/473	Wenzel; Brian J. et al.
US 6415167 B1	USPAT	20020702	Fiber optic probe placement guide	600/344	385/137; 600/310; 600/322	Blank; Thomas B. et al.
US 5822219 A	USPAT	19981013	System for identifying materials by NIR spectrometry	702/27	356/303	Chen; Xiaolin et al.
US 5793545 A	USPAT	19980811	Optical spectral filter and linear positioner therefor	359/891	250/339.01; 250/339.07; 356/419; 359/350; 359/889	Monfre; Stephen L. et al.